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AMENDMENTS TO THE ABSTRACT

A crosstalk improvement module capable of achieving stable optical output with improved crosstalk. The crosstalk improvement module is disposed between a first polarization maintaining fiber and a second polarization maintaining fiber, and comprises a first lens for making an output light from the first polarization maintaining fiber a parallel light, a polarizer for converting the parallel light into a linearly polarized light, a splitter for splitting an output light of the polarizer, a second lens for concentrating one of the lights split by the splitter and supplying the split light to the second polarization maintaining fiber, and a photoreceptor for receiving the other light split by the splitter. The splitter is arranged between the polarizer and the second lens.